

## APPARATUS FOR PREVENTING CLOUDING OF WINDOW

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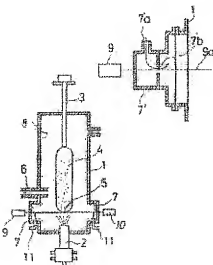
JP62031978 (B)

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Abstract of JP 60041538 (A)

**PURPOSE:** To prevent inspection of reaction condition from becoming impossible by clouding due to clouding caused by excessive reaction product on an inspection window by providing a small hole to an inspection window of a reaction vessel and passing gas through the small hole into the reaction vessel.

**CONSTITUTION:** A seed bar 3 is suspended in a reaction vessel and gaseous raw material for glass is introduced from the top of the reaction vessel. The bottom of the reaction vessel 1 to cause deposition of base material 4 for optical fiber on the bottom and of the seed bar 3. In this stage, He-Ne laser light is radiated to a photoresistor 10 from an He-Ne laser 9. Light propagates through a lens 11 and a lens 12. The base material 4 is caused to be inspected and the seed bar 3 is raised slowly; To prevent inspection of the position of the top and of the seed bar 4 from becoming impossible by clouding phenomenon of the window of a photoreceptor 10, the light is irradiated by clouding the window of the photoreceptor 10 by a light clouding agent. This is due to excessive product of the reaction in the reaction vessel, the inspection window 7 is formed to a double layered structure and a small hole 7b is provided between the inspection window and the inspection window, and a small amt. of gas is supplied from a gas feeding port 7a.



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